

Table 1: Post-Cleanup Polychlorinated Biphenyls (PCBs) in Soil (All Data)
Riverside Agricultural Park

Decision Unit	Surface soil (0-2')							Subsurface soil (0-10')						
	No. samples	No. Detected	Min (mg/kg)	Max (mg/kg)	95% UCL (mg/kg)	Cancer Risk for Resident	Basis for UCL Calculation	No. samples	No. Detected	Min (mg/kg)	Max (mg/kg)	95% UCL (mg/kg)	Cancer Risk for Worker	Basis for UCL Calculation
Proposed Residential Lots	21	18	0.0015	0.871	0.224	9.7E-07	95% Adjusted Gamma UCL	25	18	0.0015	0.871	0.194	2.0E-07	95% Adjusted Gamma UCL
Proposed Development Area (including local roadways)	29	25	0.0015	0.871	0.296	1.3E-06	95% Adjusted Gamma UCL	51	34	0.0015	11.43	1.53	1.6E-06	95% Chebyshev (Mean,Sd) UCL
Non-Development Area (including Jurupa Ave)	20	17	0.0015	18.2	3.748	1.6E-05	95% Chebyshev (MVU) UCL	23	18	0.0015	18.2	3.421	3.5E-06	95% Chebyshev (MVU) UCL
Site-Wide (Entire Riverside Ag Park)	49	42	0.0015	18.2	1.565	6.8E-06	95% Chebyshev (MVU) UCL	74	52	0.0015	18.2	1.919	2.0E-06	95% Chebyshev (Mean,Sd) UCL

Notes:

- (1) PCB concentration is the sum of all detected results (including J-flagged values); the method reporting limit (0.0015 mg/kg) is used for non-detected samples; the higher concentration is used for duplicate pairs.
- (2) The minimum value is the lowest of the detected concentrations or the full detection limit for non-detected samples.
- (3) 95% UCL values are calculated by USEPA ProUCL software (Version 5.0) and based on best fit of data distribution.
- (4) Cancer risks are estimated using the USEPA Regional Screening Level (June 2015 version) of 0.23 mg/kg (resident) and 0.97 mg/kg (worker) for PCB (high risk).

Table 2: Post-Cleanup Polychlorinated Biphenyls (PCBs) in Soil (Outlier B4 Removed)[§]

Riverside Agricultural Park

Decision Unit	Surface soil (0-2')							Subsurface soil (0-10')						
	No. samples	No. Detected	Min (mg/kg)	Max (mg/kg)	95% UCL (mg/kg)	Cancer Risk for Resident	Basis for UCL Calculation	No. samples	No. Detected	Min (mg/kg)	Max (mg/kg)	95% UCL (mg/kg)	Cancer Risk for Worker	Basis for UCL Calculation
Proposed Residential Lots	21	18	0.0015	0.871	0.224	9.7E-07	95% Adjsuted Gamma UCL	25	18	0.0015	0.871	0.194	2.0E-07	95% Adjsuted Gamma UCL
Proposed Development Area (including local roadways)	29	25	0.0015	0.871	0.296	1.3E-06	95% Adjsuted Gamma UCL	51	34	0.0015	11.43	1.53	1.6E-06	95% Chebyshev (Mean,Sd) UCL
Non-Development Area (including Jurupa Ave)	19	16	0.0015	1.93	0.506	2.2E-06	95% Adjsuted Gamma UCL	22	17	0.0015	1.93	0.432	4.5E-07	95% Adjsuted Gamma UCL
Site-Wide (Entire Riverside Ag Park)	48	41	0.0015	1.93	0.298	1.3E-06	95% Adjsuted Gamma UCL	73	51	0.0015	11.43	1.142	1.2E-06	95% Chebyshev (Mean,Sd) UCL

Notes:

- (1) PCB concentration is the sum of all detected results (including J-flagged values); the method reporting limit (0.0015 mg/kg) is used for non-detected samples; the higher concentration is used for duplicate pairs.
- (2) The minimum value is the lowest of the deteced concentrations or the full detection limit for non-detected samples.
- (3) 95% UCL values are calculated by USEPA ProUCL software (Version 5.0) and based on best fit of data distribution.
- (4) Cancer risks are estimated using the USEPA Regional Screening Level (June 2015 version) of 0.23 mg/kg (resident) and 0.97 mg/kg (worker) for PCB (high risk).
- (5) The elevated concentration detected at B4-surface (18.2 mg/kg) was removed from the data set.